

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024733.D
 Acq On : 12 Oct 2021 00:39
 Operator : JC/MD
 Sample : VX1011WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1011WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/12/2021 11:28:58 AM

Quant Time: Oct 12 06:56:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	137543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102428	52.839	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.680%			
35) Dibromofluoromethane	5.391	113	76357	53.270	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.540%			
50) Toluene-d8	8.653	98	275655	52.250	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.500%			
62) 4-Bromofluorobenzene	11.085	95	105840	51.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31578	22.816	ug/l	100
3) Chloromethane	1.294	50	25952	19.893	ug/l	98
4) Vinyl Chloride	1.374	62	27259	19.975	ug/l	98
5) Bromomethane	1.599	94	20481	22.299	ug/l	96
6) Chloroethane	1.685	64	17253	19.142	ug/l	98
7) Trichlorofluoromethane	1.886	101	46360	19.251	ug/l	100
8) Diethyl Ether	2.136	74	15619	19.055	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	26211	19.302	ug/l	96
10) Methyl Iodide	2.453	142	29325	15.433	ug/l	91
11) Tert butyl alcohol	2.977	59	36858	72.996	ug/l	96
12) 1,1-Dichloroethene	2.319	96	24882	19.735	ug/l	86
13) Acrolein	2.239	56	9866	100.374	ug/l	99
14) Allyl chloride	2.666	41	41963	18.204	ug/l	88
15) Acrylonitrile	3.068	53	81367	92.393	ug/l	99
16) Acetone	2.386	43	88250	101.890	ug/l	91
17) Carbon Disulfide	2.514	76	58179	18.047	ug/l	99
18) Methyl Acetate	2.709	43	57612	19.847	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	90084	18.958	ug/l	100
20) Methylene Chloride	2.794	84	30086	20.057	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	27486	19.198	ug/l	91
22) Diisopropyl ether	3.770	45	89356	18.973	ug/l	96
23) Vinyl Acetate	3.733	43	365749	95.904	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	50407	19.277	ug/l	99
25) 2-Butanone	4.568	43	137266	102.820	ug/l	92
26) 2,2-Dichloropropane	4.489	77	35390	15.045	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	32264	19.281	ug/l	99
28) Bromochloromethane	4.910	49	21118	17.790	ug/l	94
29) Tetrahydrofuran	5.019	42	76949	90.459	ug/l	90
30) Chloroform	5.105	83	55144	19.095	ug/l	94
31) Cyclohexane	5.477	56	42917	18.489	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	49603	19.347	ug/l	97
36) 1,1-Dichloropropene	5.702	75	39196	18.949	ug/l	99
37) Ethyl Acetate	4.727	43	46538	18.020	ug/l	94
38) Carbon Tetrachloride	5.684	117	44135	19.601	ug/l	97
39) Methylcyclohexane	7.385	83	43823	18.094	ug/l	92
40) Benzene	6.044	78	116216	19.648	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24733	18.545	ug/l	92
42) 1,2-Dichloroethane	6.098	62	48325	19.455	ug/l	95
43) Isopropyl Acetate	6.348	43	73401	18.695	ug/l	93
44) Trichloroethene	7.129	130	32773	20.139	ug/l	97
45) 1,2-Dichloropropane	7.434	63	30398	19.921	ug/l	99
46) Dibromomethane	7.586	93	21802	19.053	ug/l	99
47) Bromodichloromethane	7.830	83	40426	19.277	ug/l	97
48) Methyl methacrylate	7.702	41	39524	20.331	ug/l	85
49) 1,4-Dioxane	7.665	88	15889	356.827	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	274122	105.759	ug/l	90
52) Toluene	8.720	92	74084	19.390	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	41835	17.600	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	45844	18.968	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	30632	19.389	ug/l	99
56) Ethyl methacrylate	9.122	69	42244	16.800	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	50687	19.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	113489	91.435	ug/l	99
59) 2-Hexanone	9.433	43	214213	104.944	ug/l	87
60) Dibromochloromethane	9.525	129	31194	18.175	ug/l	97
61) 1,2-Dibromoethane	9.616	107	34284	19.767	ug/l	96
64) Tetrachloroethene	9.281	164	30955	22.103	ug/l	98
65) Chlorobenzene	10.079	112	82238	19.509	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	31081	19.784	ug/l	98
67) Ethyl Benzene	10.195	91	144585	19.376	ug/l	99
68) m/p-Xylenes	10.305	106	110688	38.683	ug/l	99
69) o-Xylene	10.646	106	53074	18.757	ug/l	97
70) Styrene	10.659	104	85552	18.082	ug/l	96
71) Bromoform	10.805	173	21323	17.171	ug/l #	97
73) Isopropylbenzene	10.963	105	143769	19.462	ug/l	99
74) N-amyl acetate	10.848	43	61421	18.076	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	49199	18.833	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	44790m	18.875	ug/l	
77) Bromobenzene	11.201	156	36744	19.330	ug/l	94
78) n-propylbenzene	11.305	91	157919	18.287	ug/l	98
79) 2-Chlorotoluene	11.366	91	98345	18.695	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	125199	19.839	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13311	16.798	ug/l #	86
82) 4-Chlorotoluene	11.457	91	116582	18.836	ug/l	99
83) tert-Butylbenzene	11.719	119	118604	18.746	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	126345	20.136	ug/l	99
85) sec-Butylbenzene	11.890	105	139656	17.942	ug/l	99
86) p-Isopropyltoluene	12.012	119	128228	19.320	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	64150	17.721	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	66962	17.907	ug/l	97
89) n-Butylbenzene	12.335	91	107897	18.359	ug/l	96
90) Hexachloroethane	12.542	117	19319	17.701	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	65531	18.311	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11034	17.493	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	40483	17.767	ug/l	99
94) Hexachlorobutadiene	13.725	225	18165	17.428	ug/l	96
95) Naphthalene	13.780	128	135537	18.585	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	41737	17.876	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

